Networking Apps – What’s behind your smartphone icons?

Have you ever wondered how apps such as Facetime, Skype, and Google talk work? How do they find the person you are calling? What transpires from the moment you call somebody to the moment you see and hear the other person?

Why does the person you speak to over the Internet sounds like water babies, or, the cool movie you are watching suddenly stops at the peak of the drama with the message “Rebuffering”?

In this book, the author unravels the mysteries of the signaling protocols that enables us to connect to other people’s smartphones and computers, and the necessary mechanisms in the Internet that allows us to enjoy a movie, or a voice call without interruptions.

This is a textbook for graduate and senior undergraduate students in computer science and computer engineering, and also a reference book for networking engineers. It can be obtained from Amazon.com (paperback or Kindle).